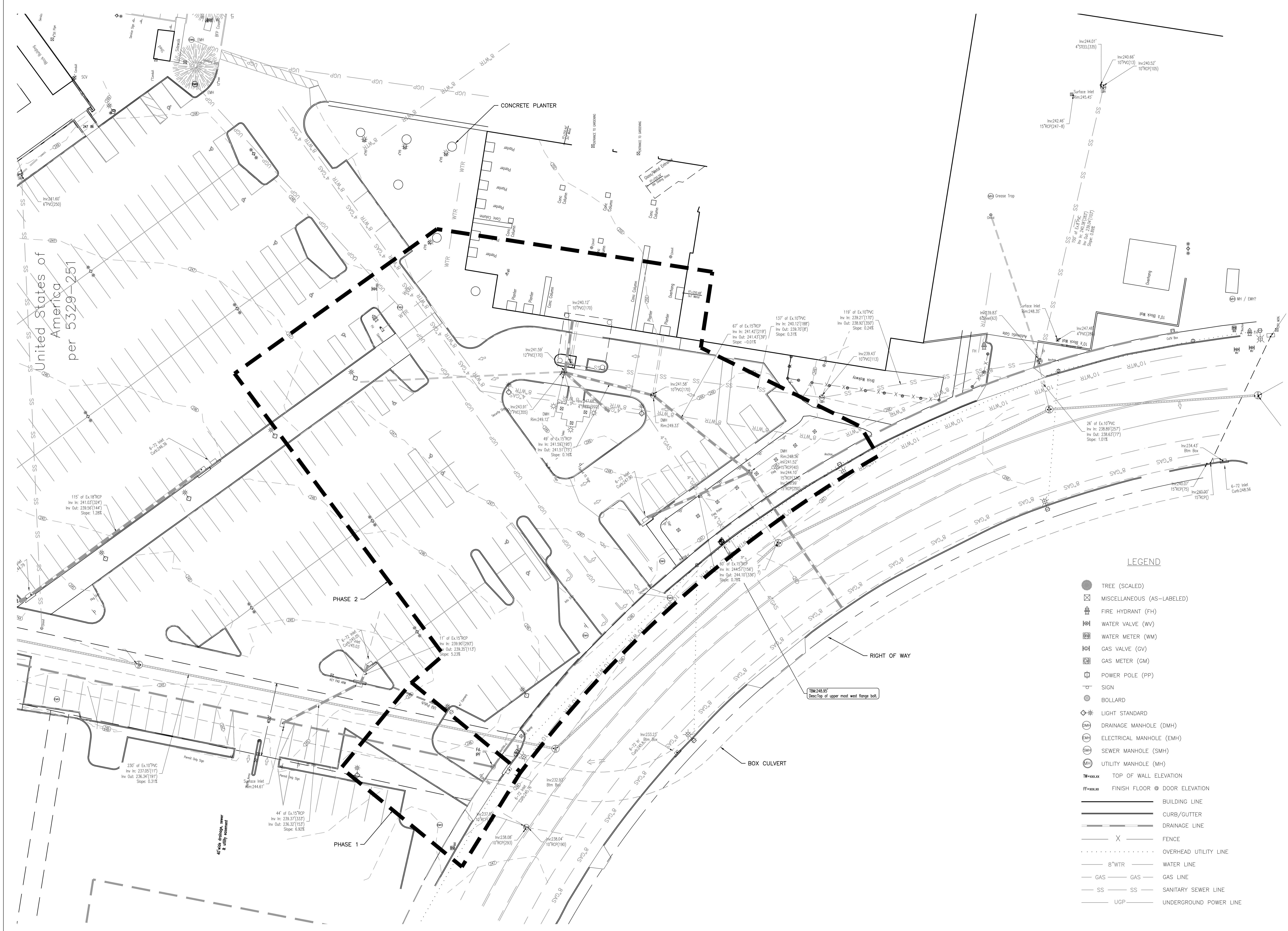
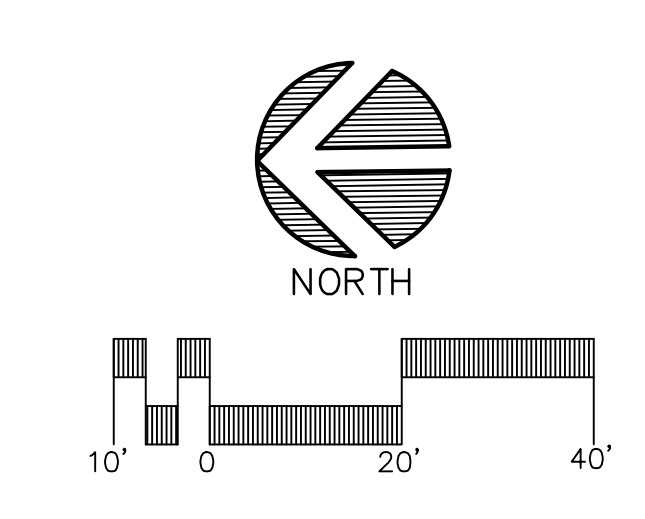


one eighth inch = one foot
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one inch = one foot
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one hundred inches = one foot



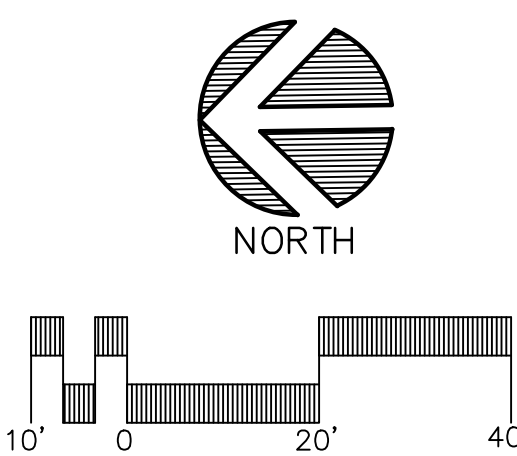
- LEGEND**
- TREE (SCALED)
 - MISCELLANEOUS (AS-LABELED)
 - FIRE HYDRANT (FH)
 - WATER VALVE (WV)
 - WATER METER (WM)
 - GAS VALVE (GV)
 - GAS METER (GM)
 - POWER POLE (PP)
 - SIGN
 - BOLLARD
 - LIGHT STANDARD
 - DRAINAGE MANHOLE (DMH)
 - ELECTRICAL MANHOLE (EMH)
 - SEWER MANHOLE (SMH)
 - UTILITY MANHOLE (MH)
 - TOP OF WALL ELEVATION
 - FINISH FLOOR @ DOOR ELEVATION
 - BUILDING LINE
 - CURB/GUTTER
 - DRAINAGE LINE
 - FENCE
 - OVERHEAD UTILITY LINE
 - 8"WTR WATER LINE
 - GAS GAS LINE
 - SS SS SANITARY SEWER LINE
 - UGP UNDERGROUND POWER LINE



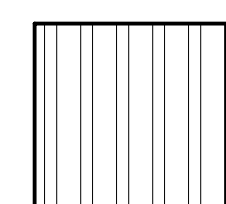
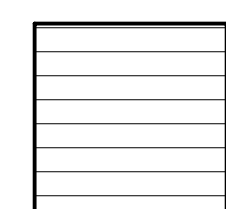
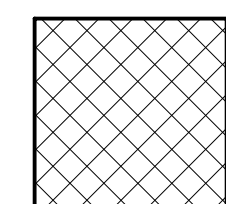
NOTES:

1. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES. ADDITIONAL UNDERGROUND UTILITIES MAY BE PRESENT BUT NOT SHOWN ON PLAN.

| | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| CONSULTANTS: Allen&Hoshall engineering since 1915 1661 International Drive Memphis, TN 38120 901 820 0820 fax 901 683 1001 www.allenhoshall.com | | SEAL: | ARCHITECT/ENGINEERS: brg3s architects 11 W. Huling Avenue Memphis, Tennessee 38103 t 901.260.9600 f 301.531.8042 w brg3s.com | DRAWING TITLE: EXISTING CONDITIONS & PHASING SCALE: 1" = 20' APPROVED PROJECT DIRECTOR: | PROJECT TITLE: VA BUILDING 1A ENTRANCE EXPANSION LOCATION: VAMC, Memphis, Tennessee DATE: January 27, 2014 CHECKED: DRAWN: | PROJECT NUMBER: 61660 BUILDING NUMBER: 1A DRAWING NUMBER: C0.1 DWG. OF |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|



LEGEND



NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UNDERGROUND UTILITIES AND FEATURES NOT SPECIFIED. ANY SITE FEATURES DAMAGED SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
2. ALL PHASES OF DEMOLITION ARE ILLUSTRATED. DEMOLITION AND CONSTRUCTION ACTIVITIES SHALL BE COORDINATED TO MAINTAIN SITE ACCESS THROUGHOUT THE PROJECT.
3. SAW CUT ASPHALT WHERE IT IS TO BE REMOVED.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY SITE FEATURES UNINTENTIONALLY DAMAGED DURING DEMOLITION & CONSTRUCTION ACTIVITIES.

FULLY SPRINKLERED

| | | | | | | | | | | | | | |
|------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------|--|
| | | CONSULTANTS: | | SEAL: | | ARCHITECT/ENGINEERS: | | DRAWING TITLE: | | PROJECT TITLE: | | PROJECT NUMBER: | |
| | | Allen&Hoshall engineering since 1915 1661 International Drive Memphis, TN 38120 901 820 0820 fax 901 683 1001 www.allenhoshall.com | |  | | brg3s architects 11 W. Huling Avenue Memphis, Tennessee 38103 t 901.260.9600 f 301.531.8042 w brg3s.com | | SITE DEMOLITION SCALE: 1" = 20' APPROVED PROJECT DIRECTOR: | | VA BUILDING 1A ENTRANCE EXPANSION LOCATION: VAMC, Memphis, Tennessee DATE: January 27, 2014 CHECKED: DRAWN: | | 61660 BUILDING NUMBER: 1A DRAWING NUMBER: C0.2 DWG. OF | |
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| | | | | | | | | | | | | | |
| Revisions: | | Date: | | | | | | | | | | | |



- CONCRETE PAVING

ASPHALT PAVING

SSWL SINGLE SOLID WHITE LINE

SBWL SINGLE BROKEN WHITE LINE

NOTES:

1. NEW CURBED ISLANDS TO BE SODDED UNLESS SHOWN OTHERWISE.
2. DIRECTIONAL ARROWS SHOWN ARE FOR REFERENCE PURPOSES ONLY.
3. SEE SHEET C1.2 FOR COORDINATES.
4. RADII ARE 3', UNLESS NOTED OTHERWISE.
5. SIGNS SHOWN ON PLANS SHALL CONFORM TO MOST RECENT MUTCD STANDARDS.
6. ALL PHASES OF CONSTRUCTION ARE ILLUSTRATED. CONSTRUCTION ACTIVITIES SHALL BE COORDINATED TO MAINTAIN SITE ACCESS THROUGHOUT THE PROJECT.
7. PAVEMENT TRANSITION IS AN INCREASE IN ELEVATION RELATIVE TO THE ADJACENT SIDEWALK TO PROVIDE A CONTINUOUS GRADE AT THE NEW ENTRANCE.

FULLY SPRINKLERED

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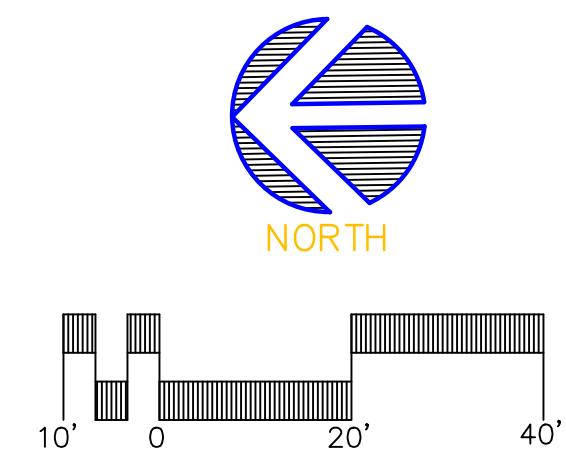
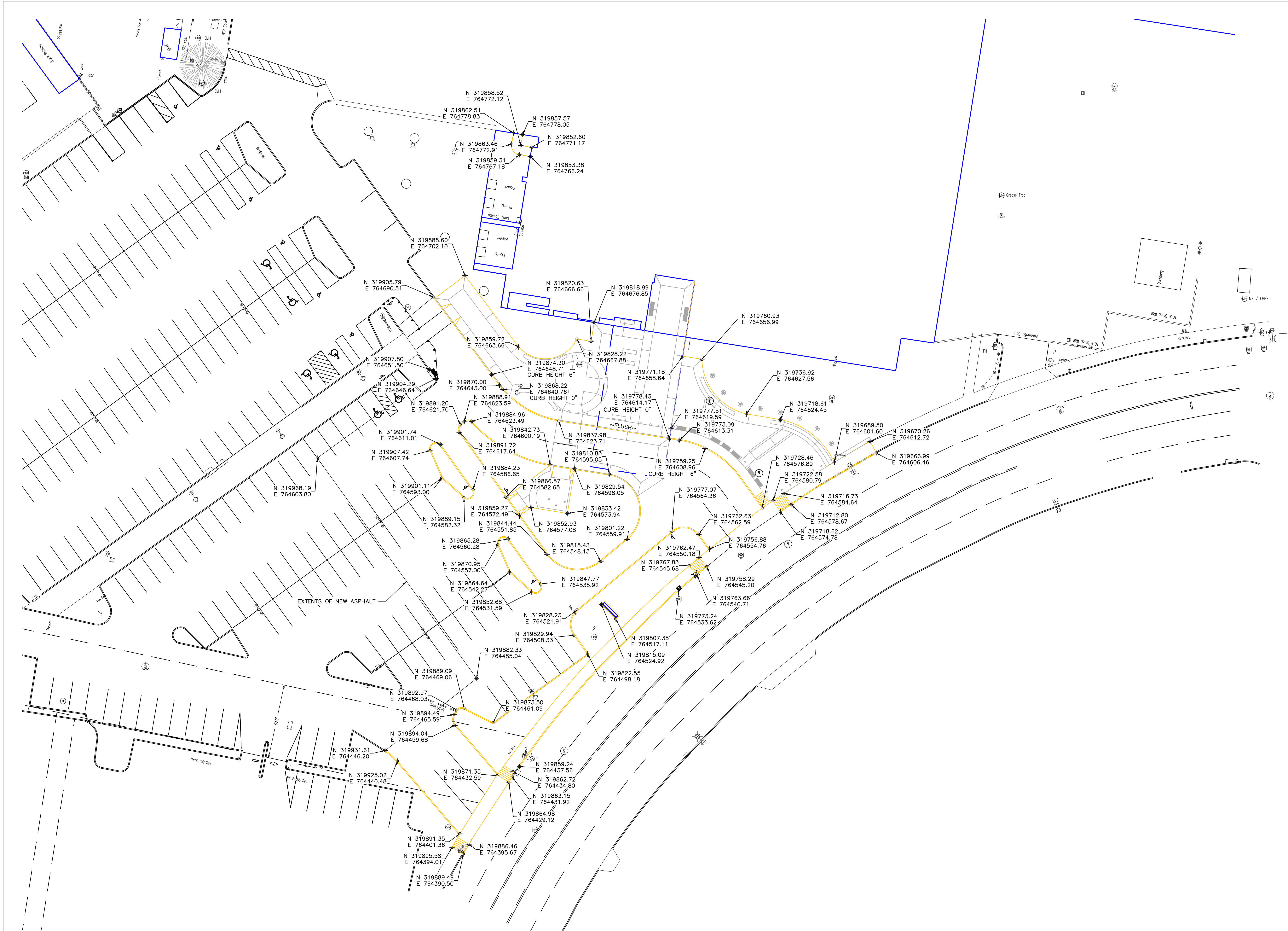
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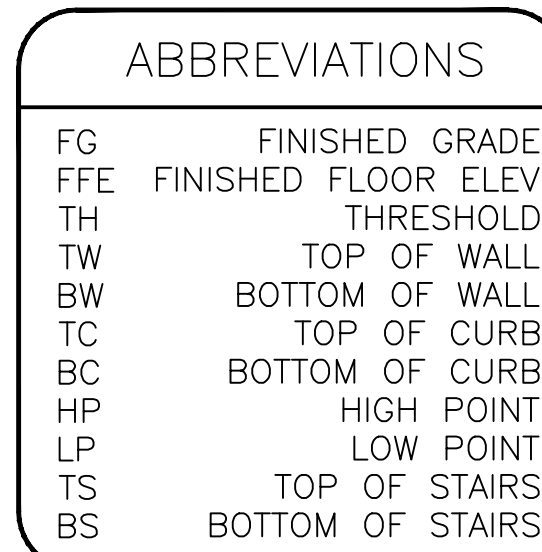
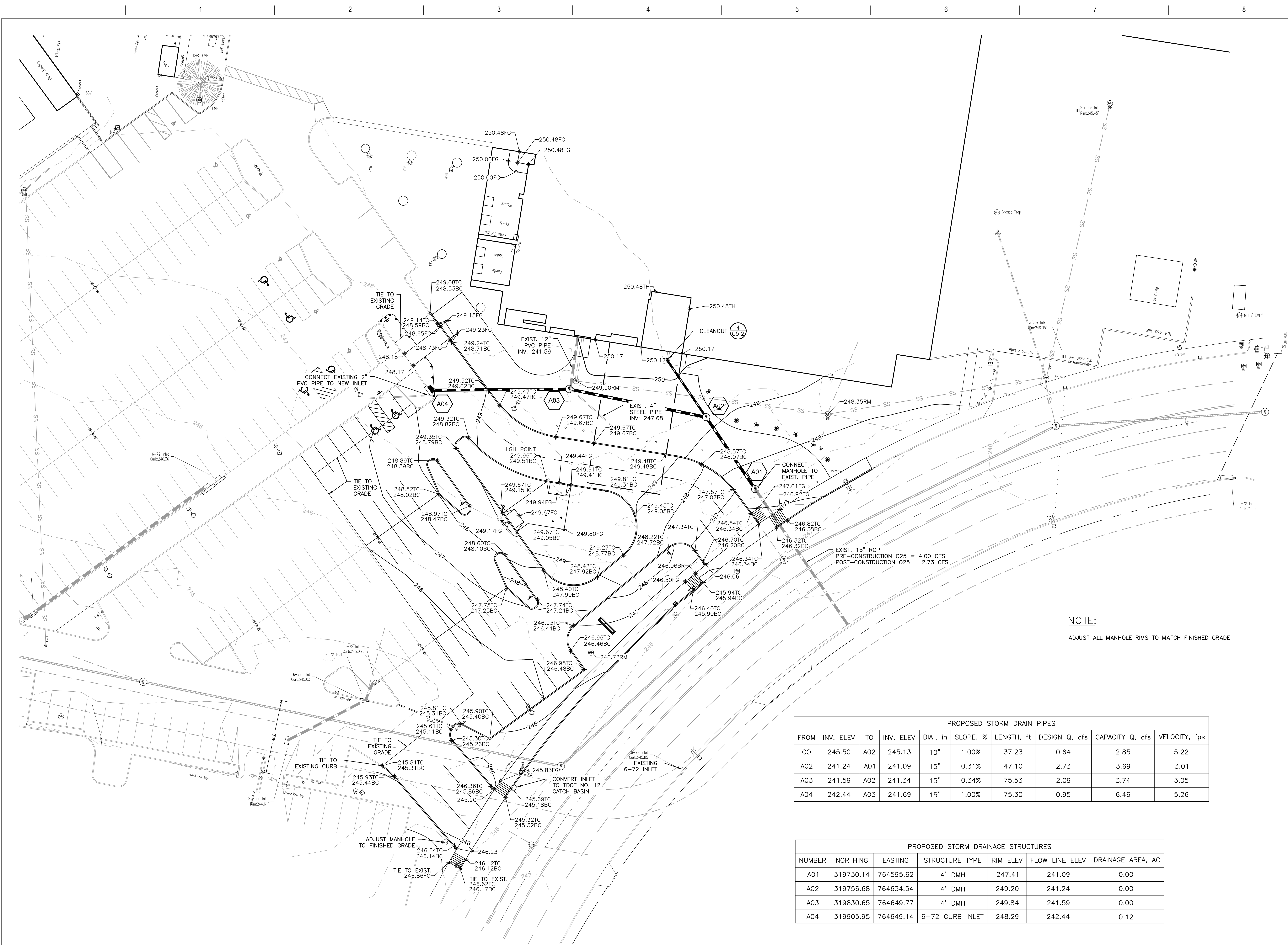
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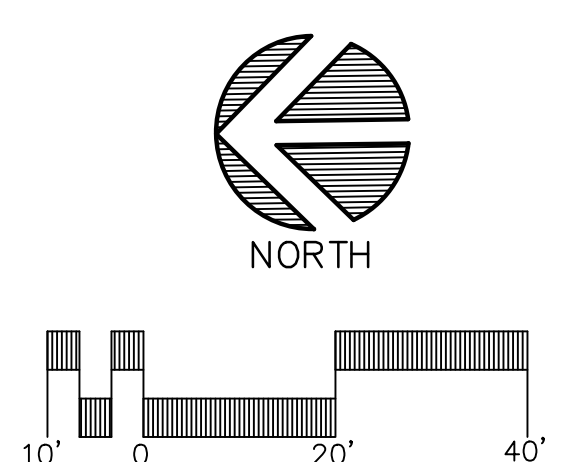
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| | | CONSULTANTS: | | SEAL: | | ARCHITECT/ENGINEERS: | | DRAWING TITLE: | | PROJECT TITLE: | | PROJECT NUMBER: | | | |
| | | Allen&Hoshall engineering since 1915 1661 International Drive Memphis, TN 38120 901 820 0820 fax 901 683 1001 www.allenhoshall.com | | | | brg3s architects 11 W. Huling Avenue Memphis, Tennessee 38103 t 901.260.9600 f 301.531.8042 w brg3s.com | | SITE LAYOUT SCALE: 1" = 20' APPROVED PROJECT DIRECTOR: | | VA BUILDING 1A ENTRANCE EXPANSION | | 61660 | | | |
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| PROPOSED STORM DRAINAGE STRUCTURES | | | | | | |
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| NUMBER | NORTHING | EASTING | STRUCTURE TYPE | RIM ELEV | FLOW LINE ELEV | DRAINAGE AREA, AC |
| A01 | 319730.14 | 764595.62 | 4' DMH | 247.41 | 241.09 | 0.00 |
| A02 | 319756.68 | 764634.54 | 4' DMH | 249.20 | 241.24 | 0.00 |
| A03 | 319830.65 | 764649.77 | 4' DMH | 249.84 | 241.59 | 0.00 |
| A04 | 319905.95 | 764649.14 | 6-72 CURB INLET | 248.29 | 242.44 | 0.12 |

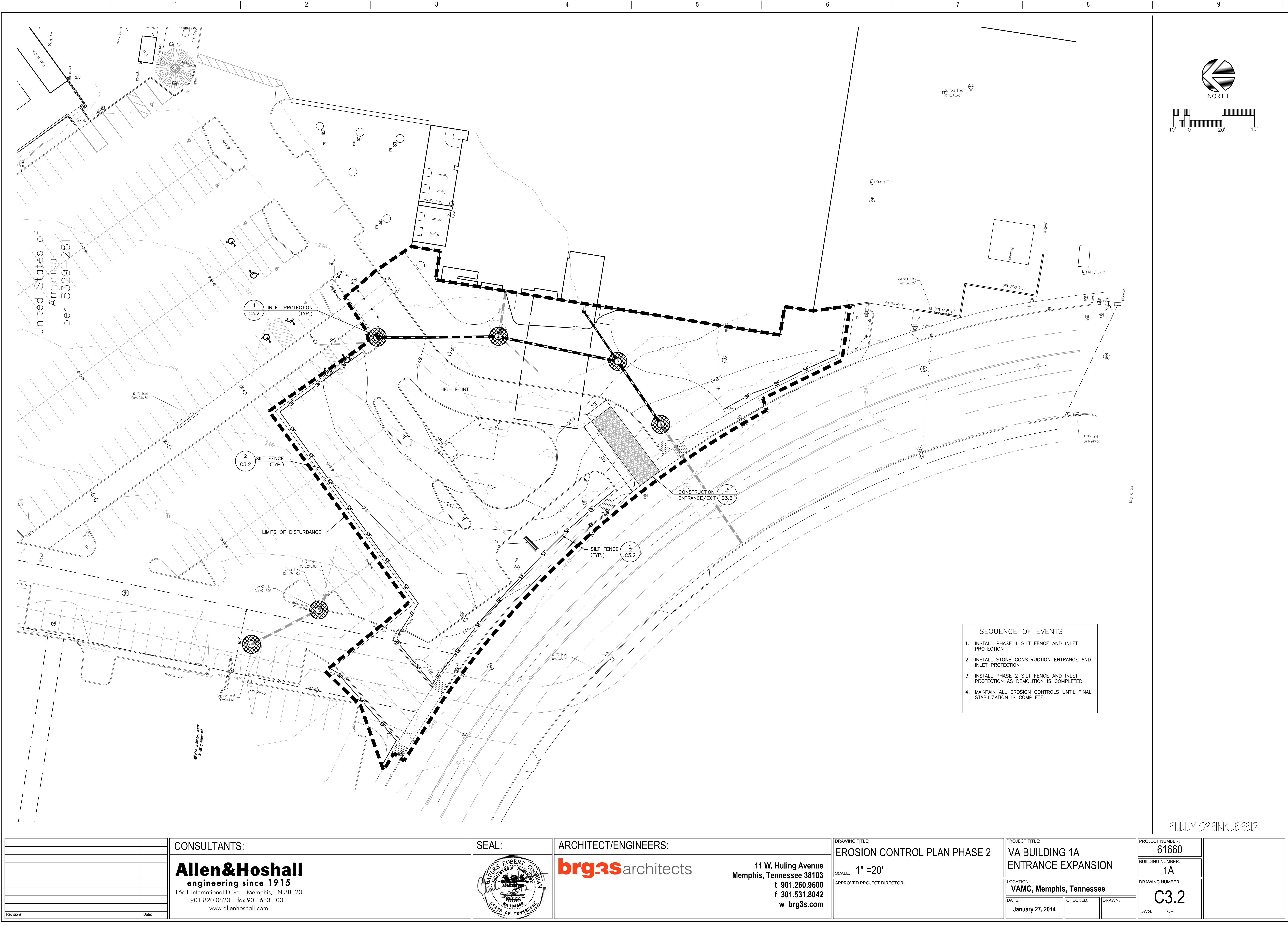
NOTE:
ADJUST ALL MANHOLE RIMS TO MATCH FINISHED GRADE

| | | | | | | | | | |
|------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------------------------|--------------------------|--------|--------------|
| | | CONSULTANTS: | SEAL: | ARCHITECT/ENGINEERS: | DRAWING TITLE: GRADING AND DRAINAGE | PROJECT TITLE: VA BUILDING 1A ENTRANCE EXPANSION | PROJECT NUMBER: 61660 | | |
| | | Allen&Hoshall engineering since 1915 1661 International Drive Memphis, TN 38120 901 820 0820 fax 901 683 1001 www.allenhoshall.com |  | brg3s architects 11 W. Huling Avenue Memphis, Tennessee 38103 t 901.260.9600 f 301.531.8042 w brg3s.com | SCALE: 1" =20' | LOCATION: VAMC, Memphis, Tennessee | BUILDING NUMBER: 1A | | |
| | APPROVED PROJECT DIRECTOR: | | | | DRAWING NUMBER: C2.1 | | | | |
| | | | | | DATE: January 27, 2014 | | CHECKED: | DRAWN: | DWG. OF |
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| Revisions: | Date: | | | | | | | | |



- ## FULLY SPRINKLERED

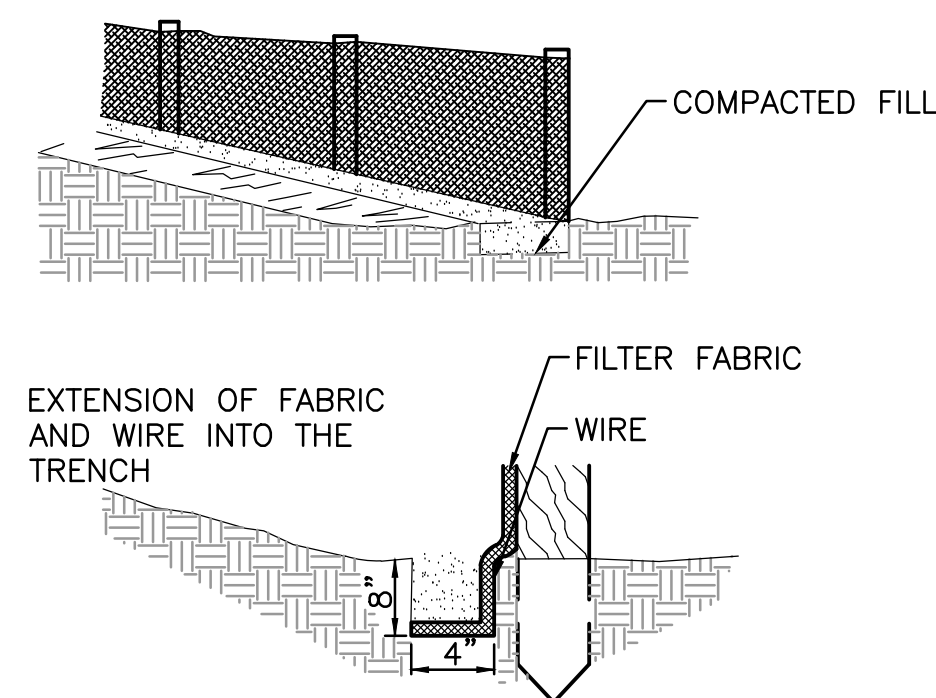
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| | | CONSULTANTS: | | SEAL: | | ARCHITECT/ENGINEERS: | | DRAWING TITLE: EROSION CONTROL PLAN PHASE 1 | | PROJECT TITLE: VA BUILDING 1A ENTRANCE EXPANSION | | PROJECT NUMBER: 61660 | | | |
| | | Allen&Hoshall engineering since 1915 1661 International Drive Memphis, TN 38120 901 820 0820 fax 901 683 1001 www.allenhoshall.com | |  | | brg3s architects 11 W. Huling Avenue Memphis, Tennessee 38103 t 901.260.9600 f 301.531.8042 w brg3s.com | | SCALE: 1" =20' APPROVED PROJECT DIRECTOR: | | LOCATION: VAMC, Memphis, Tennessee DATE: January 27, 2014 | | BUILDING NUMBER: 1A DRAWING NUMBER: C3.1 DWG. OF | | | |
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| Revisions: | | Date: | | | | | | | | | | | | | |



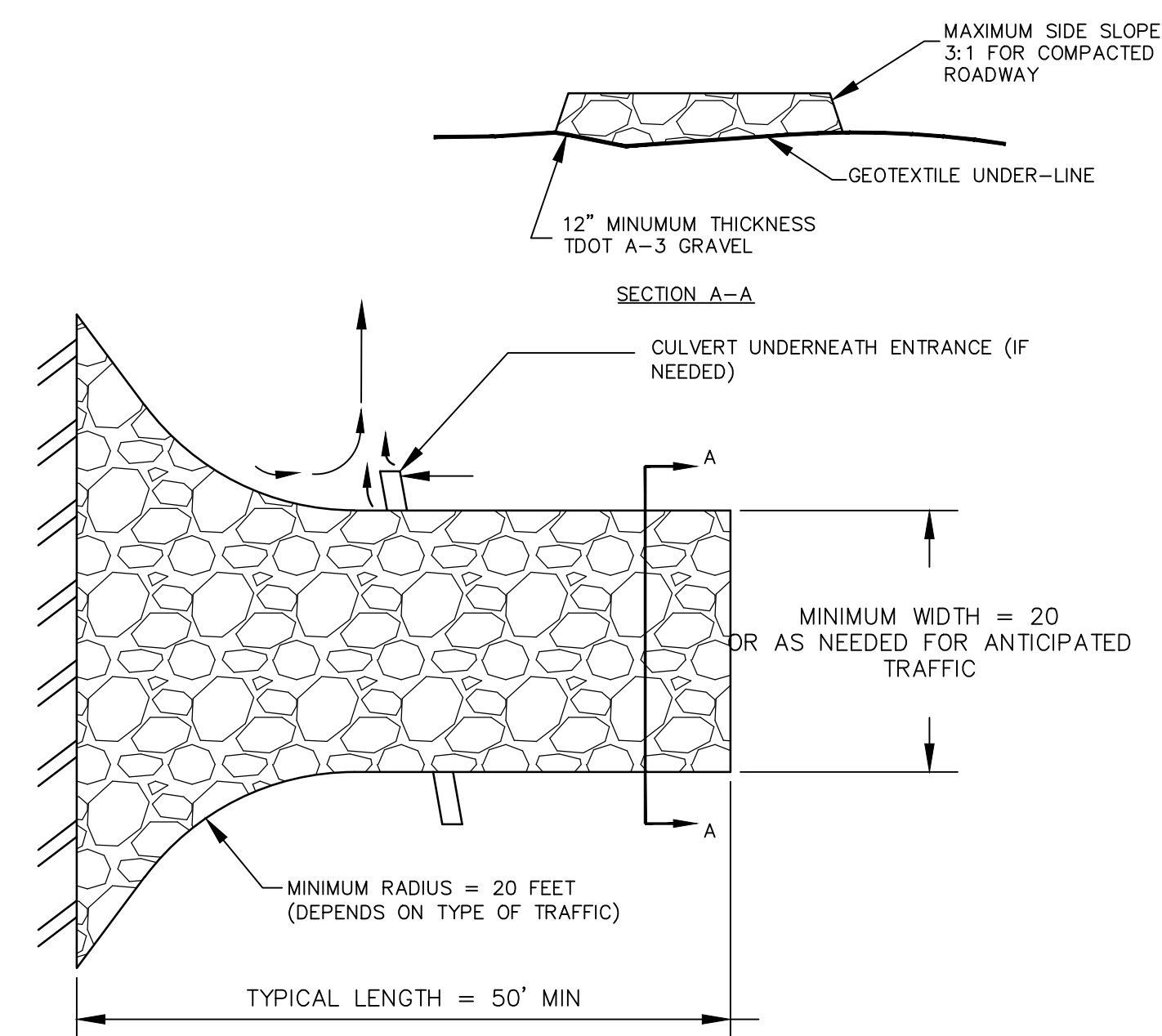
SEQUENCE OF EVENTS

1. INSTALL PHASE 1 SILT FENCE AND INLET PROTECTION
2. INSTALL STONE CONSTRUCTION ENTRANCE AND INLET PROTECTION
3. INSTALL PHASE 2 SILT FENCE AND INLET PROTECTION AS DEMOLITION IS COMPLETED
4. MAINTAIN ALL EROSION CONTROLS UNTIL FINAL STABILIZATION IS COMPLETE

- THE PURPOSE OF THIS EROSION CONTROL PLAN IS TO PREVENT SILTATION AND OTHER POLLUTANTS DUE TO CONSTRUCTION, FROM ENTERING ADJACENT STREAMS AND PROPERTY.
2. CLEARING AND GRUBBING IS TO BE HELD TO THE MINIMUM WIDTH NECESSARY TO ACCOMMODATE EROSION. UNNECESSARY CANOPY REMOVAL (TREES, SHRUBS, ETC.) IS PROHIBITED.
3. MAINTAIN ALL GROUND COVER WHENEVER POSSIBLE. ALL AREAS DISTURBED BY CONSTRUCTION THAT ARE NOT TO RECEIVE PAVING SHALL BE SEEDED AND MULCHED AS SOON AS POSSIBLE.
4. ALL DITCHES AND FRESH CUTS IN DRAINAGE WAYS SHALL BE STABILIZED WITH SOD WHERE INDICATED ON PLAN.
5. TO REDUCE SEDIMENT IN RUNOFF, EROSION CONTROL MEASURES SHALL BE INSTALLED PROMPTLY DURING ALL CONSTRUCTION PHASES.
6. SEDIMENT TRAPS SHALL BE LOCATED AS NEEDED BY THE ENGINEER.
7. SITE EROSION CONTROLS SHALL BE CHECKED AND IF NECESSARY REPAIRED WEEKLY AND WITHIN 24 HOURS AFTER EACH RAINFALL GREATER THAN 0.5". IN THE EVENT OF CONTINUOUS RAINFALL, EROSION CONTROLS SHALL BE CHECKED DAILY.
8. DURING SEDIMENT REMOVAL, THE CONTRACTOR SHALL TAKE CARE TO ENSURE THAT STRUCTURAL COMPONENTS OF EROSION CONTROL STRUCTURES ARE NOT DAMAGED AND THUS MADE INEFFECTIVE. IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL REPAIR THE STRUCTURES AT THE CONTRACTOR'S EXPENSE.
9. ALL AREAS TO REMAIN BARE MORE THAN 14 DAYS MUST BE TEMPORARILY STABILIZED. ALL SLOPES 3:1 OR GREATER TO REMAIN BARE MORE THAN 7 DAYS MUST BE TEMPORARILY STABILIZED.
10. SEDIMENT REMOVED FROM SEDIMENT CONTROL STRUCTURES IS TO BE PLACED AT A SITE APPROVED BY THE ENGINEER. IT SHALL BE TREATED IN A MANNER SO THAT THE AREA AROUND THE DISPOSAL SITE WILL NOT BE CONTAMINATED OR DAMAGED BY THE SEDIMENT IN RUN-OFF. ALL COST FOR SEDIMENT REMOVAL SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
11. UPON COMPLETE REMOVAL OF SEDIMENT TRAPS, SPECIAL DITCHES, ETC., THE AREA WHERE THEY WERE CONSTRUCTED IS TO BE TOPSOILED, SEEDED, AND MULCHED.
12. ALL STOCKPILES TO BE CONTAINED BY SILT FENCE IN ORDER TO PREVENT SEDIMENT RUNOFF FROM ENTERING NEARBY STREAMS.
13. SHOULDERS AND EXCAVATED AREAS SHALL BE PROMPTLY STABILIZED AGAINST EROSION. SILTATION MEASURES SHALL BE IMPLEMENTED PROMPTLY TO REDUCE THE SEDIMENT IN RUN-OFF FROM THE CONSTRUCTION SITE.
14. EQUIPMENT STAGING AND MAINTENANCE AREAS SHALL BE DEVELOPED A SUFFICIENT DISTANCE FROM STREAMS TO ENSURE THAT OIL, GASOLINE, AND OTHER PETROLEUM POLLUTANTS DO NOT ENTER THE WATERWAYS.
15. FAILURE TO MAINTAIN GOOD EROSION CONTROL MEASURES COULD RESULT IN A FINE BEING ISSUED TO THE CONTRACTOR.
16. THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL DEVICES IN GENERAL CONFORMANCE TO THE EROSION CONTROL PLAN. THE EROSION CONTROL PLAN IS PROVIDED TO INDICATE MINIMUM EROSION CONTROL MEASURES REQUIRED OF THE CONTRACTOR AND DOES NOT TAKE INTO ACCOUNT THE CONTRACTOR'S SEQUENCE OF CONSTRUCTION. ADDITIONAL EROSION CONTROL MEASURES SHALL BE UNDERTAKEN BY THE CONTRACTOR AS REQUIRED TO MINIMIZE IMPACTS TO ADJACENT PROPERTIES AND THE DRAINAGE SYSTEM DOWNSTREAM OF THE SITE, AT NO ADDITIONAL COST TO THE CONTRACTOR.
17. INLET PROTECTION SHALL CONSIST OF STEEL T POSTS WITH FILTER CLOTH SURROUNDING THE DRAINAGE STRUCTURE AND SURROUNDED BY TDOT #57 STONE. IN PAVED AREAS INLET PROTECTION SHALL CONSIST OF BELOW-GRADE GEOTEXTILE CATCH BASIN SEDIMENT TRAP ("SILTSACK") -- OR APPROVED EQUAL. SEDIMENT SHALL BE REMOVED FROM BELOW-GRADE GEOTEXTILE CATCH BASIN SEDIMENT TRAP ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AT NO ADDITIONAL COST TO OWNER.
18. CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL REQUIRED PERMITS HAVE BEEN OBTAINED PRIOR TO BEGINNING CONSTRUCTION OR OTHER ACTIVITIES.
19. A SPECIFIC INDIVIDUAL SHALL BE DESIGNATED TO BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS ON EACH PROJECT SITE.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SOIL EROSION CONTROL MEASURES AS NOTED ON THE PLANS AND AS REQUESTED BY THE OWNER DURING CONSTRUCTION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR SATISFYING THE REQUIREMENTS OF THE STATE OF TENNESSEE DEPARTMENT OF WATER POLLUTION CONTROL AS SET FORTH IN THE TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK. ALL SOIL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE CONTRACT SO AS TO PREVENT ANY SEDIMENTATION FROM WASHING OFF THE SITE OR ADJACENT PROPERTY OR PUBLIC RIGHTS-OF-WAY. STRAIN BALE DAMS AND/OR SEDIMENT FENCE SHALL BE INSTALLED AS DIRECTED. THE CONTRACTOR SHALL MAINTAIN A LOG OF ALL MAINTENANCE ACTIVITIES FOR THE EROSION CONTROL ELEMENTS AS REQUIRED BY THE STATE OF TENNESSEE DEPARTMENT OF WATER POLLUTION.
21. A COPY OF THE EROSION CONTROL PLAN MUST BE AVAILABLE ON SITE FOR THE DWPC INSPECTOR ON REQUEST.
22. EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE EARTH MOVING OPERATIONS BEGIN, AND MUST BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORK DAY, BUT MUST BE REPLACED AT THE END OF THE WORK DAY OR PRIOR TO RAINFALL EVENTS.
23. ALL CONTROL MEASURES SHALL BE CHECKED AND REPAIRED AS NECESSARY, WEEKLY IN DRY PERIODS AND WITHIN 24 HOURS AFTER ANY RAINFALL OF 0.5 INCHES WITHIN A 24 HOUR PERIOD. DURING PROLONGED RAINFALL, DAILY CHECKING AND REPAIRING IS NECESSARY. THE PERMITTEE SHALL MAINTAIN RECORDS OF CHECKS AND REPAIRS.
24. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE TDEC "EROSION AND SEDIMENT CONTROL HANDBOOK."
25. THERE MAY BE EXISTING SILT FENCE IN PLACE, HOWEVER, THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEETING THE REQUIREMENTS OF THIS PLAN AND FOR INSTALLING NEW SILT FENCE AS REQUIRED.
26. IN ACCORDANCE WITH THE CITY OF MEMPHIS MS4 PERMIT, ALL STATE/NPDES PERMITS ARE REQUIRED TO HAVE BEEN OBTAINED BEFORE START UP OF ANY CONSTRUCTION ACTIVITIES, INCLUDING BUT NOT LIMITED TO CONSTRUCTION GENERAL PERMIT, ARAP AND ARMY CORPS OF ENGINEERS PERMIT.
27. THIS PLAN HAS BEEN REVIEWED. THE PLAN APPEARS TO BE ADEQUATE, IF ALL IMPLEMENTATION OF THE SWPPP OR FINAL PLAN DOES NOT PROVIDE FOR EFFECTIVE SEDIMENT CONTROL AND EROSION PROTECTION ADDITIONAL MEASURES MAY BE REQUIRED.



1. INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY. SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY. REPLACE BURLAP EVERY 60 DAYS.
2. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANTOUT. REMOVE ALL FENCING MATERIALS AND SEDIMENT DEPOSITS FROM THE AREA AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

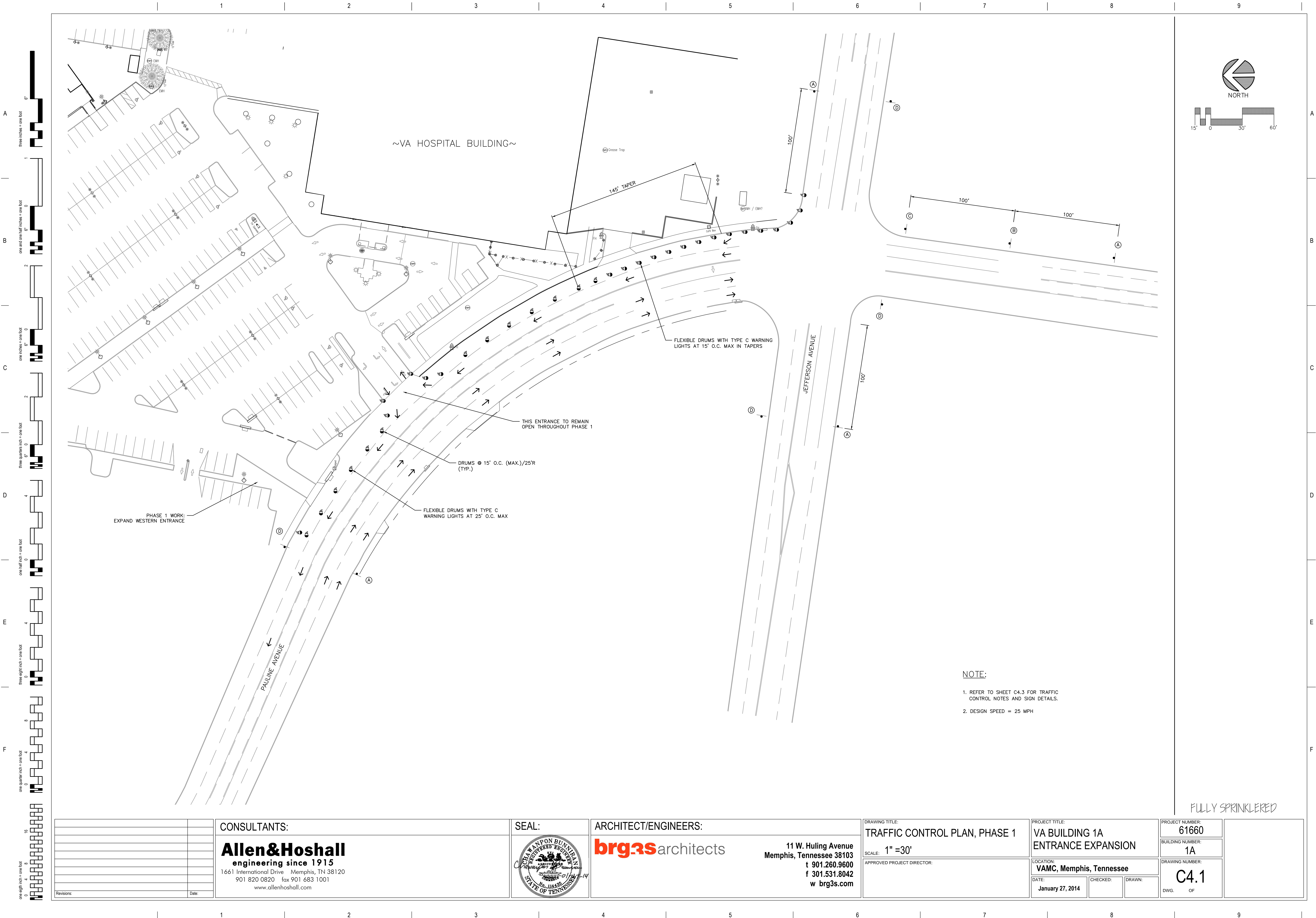


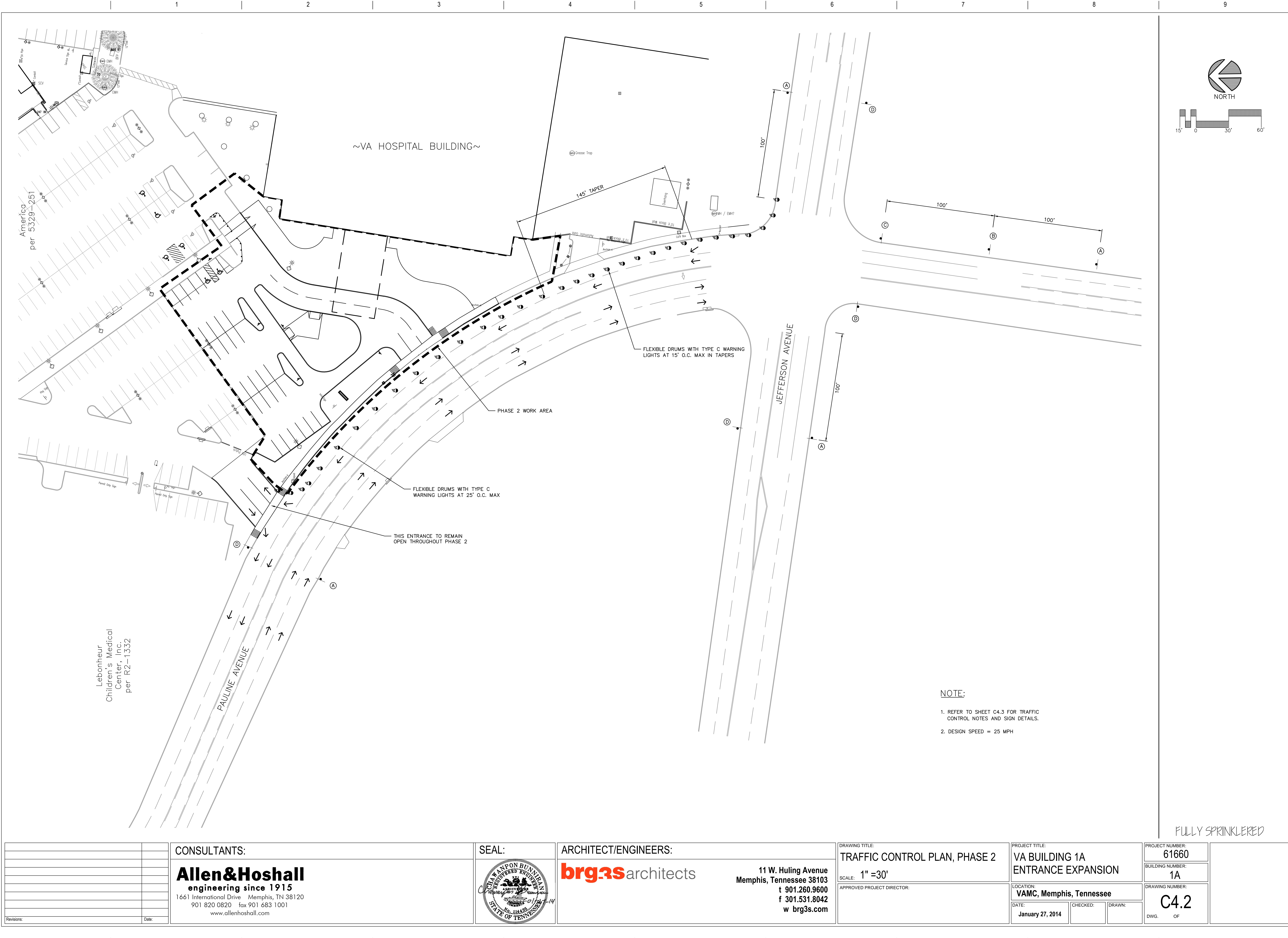
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

2 TYPE "A" SILT FENCE
C3.2 N.T.S.

3 TEMPORARY CONSTRUCTION EXIT
C3.2 N.T.S.

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|------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------|--|--------------------------------------------------------|--|-------------------------------|--|--------|--|
| | | CONSULTANTS: | | SEAL: | | ARCHITECT/ENGINEERS: | | DRAWING TITLE: EROSION CONTROL DETAILS AND NOTES | | PROJECT TITLE: VA BUILDING 1A ENTRANCE EXPANSION | | PROJECT NUMBER: 61660 | | | |
| | | Allen & Hoshall engineering since 1915 1661 International Drive Memphis, TN 38120 901.820.0820 fax 901.683.1001 www.allenhoshall.com | |  | | brg3s architects 11 W. Huling Avenue Memphis, Tennessee 38103 t 901.260.9600 f 301.531.8042 w brg3s.com | | SCALE: APPROVED PROJECT DIRECTOR: | | LOCATION: VAMC, Memphis, Tennessee | | BUILDING NUMBER: 1A | | | |
| Revisions: | | Date: | | | | | | | | DRAWING NUMBER: C3.3 | | DWG. OF | | | |
| | | | | | | | | | | DATE: January 27, 2014 | | CHECKED: | | DRAWN: | |





TRAFFIC CONTROL NOTES

4. SEE SECTION 6F.03, SIGN PLACEMENT, OF THE STATE OF TENNESSEE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE (MUTCD) FOR INFORMATION ON PLACEMENT AND MOUNTING OF SIGNS.
5. SIGNS SHOWN ON THIS PLAN ARE TO WARN TRAFFIC ABOUT THE CONSTRUCTION. OTHER TRAFFIC CONTROL DEVICES MAY BE REQUIRED DURING VARIOUS PHASES OF CONSTRUCTION.
6. NOTHING IN THIS PLAN IS INTENDED TO SUPERCEDE OR RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF INSTALLING THE APPROPRIATE TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE CURRENT STATE OF TENNESSEE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS."
7. CONTRACTOR SHALL BE REQUIRED TO NOTIFY THE CITY OF MEMPHIS CONSTRUCTION INSPECTION DEPARTMENT (636-2462) AND TRAFFIC ENGINEERING DEPARTMENT (528-2484) A MINIMUM OF 24 HOURS PRIOR TO COMMENCING CONSTRUCTION OR IMPLEMENTING A TRAFFIC CONTROL PLAN. ALL TRAFFIC CONTROL DEVICES MUST BE IN PLACE BEFORE CONSTRUCTION ACTIVITY BEGINS.
8. SIZES OF ALL SIGNS SHALL COMPLY WITH STATE OF TENNESSEE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
9. ALL TRAFFIC CONTROL DEVICES AND THEIR INSTALLATION SHALL MEET THE STANDARD PRESCRIBED IN THE STATE OF TENNESSEE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SHALL COMPLY WITH THE STATE OF TENNESSEE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 712 TEMPORARY TRAFFIC CONTROL.
10. ACCESS TO ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
11. SIDE STREET, DRIVEWAY ACCESS, AND SAFE PEDESTRIAN WAYS SHALL BE MAINTAINED AT ALL TIMES.
12. THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHEN THE LANE IS OPEN TO TRAFFIC, UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO BE PARKED WITHIN THIRTY (30) FEET OF AN OPEN TRAFFIC LANE AT ANY TIME UNLESS PROTECTED AS DESCRIBED ABOVE. WHERE THERE IS INSUFFICIENT SPACE TO PROVIDE FOR THIS THIRTY (30) FEET SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEERS APPROVAL TO USE THEM.
13. CONTRACTOR SHALL USE PLASTIC DRUMS WITH TYPE "C" WARNING LIGHTS TO SEPARATE TRAFFIC FROM THE CONSTRUCTION AREA.
14. CONTRACTOR SHALL COVER ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SIGNS OR DEVICES DURING CONSTRUCTION AND THEY SHALL REMAIN COVERED DURING CONSTRUCTION AND UNTIL SUCH TIME THAT NO CONFLICT EXISTS.
15. CONTRACTOR SHALL INSTALL TEMPORARY NO PARKING SIGNS AS REQUIRED WITHIN THE TRAFFIC CONTROL AREA.
16. TWO WAY TRAFFIC SHALL BE MAINTAINED ON DEMOCRAT ROAD AT ALL TIMES.
17. ALL TEMPORARY OR PERMANENT TRAVELED SURFACE SHALL BE INSPECTED DAILY BY THE CONTRACTOR (INCLUDING WEEKENDS) AND NECESSARY PATCHING OR REFINISHING PERFORMED.
18. WORK WITHIN THE ROADWAY SHALL BE CONDUCTED BETWEEN 9:00 A.M. AND 4:00 P.M. AND THE ROADWAY SHALL BE COMPLETELY OPEN TO TRAFFIC AT ALL OTHER TIMES AND ALL INAPPROPRIATE SIGNS SHALL BE COVERED OR REMOVED.
19. CONTRACTOR SHALL CONTACT THE CITY OF MEMPHIS SIGNAL SHOP AT 528-2844 FOR LOCATION OF SIGNAL CONDUITS AND WIRES.
20. THE APPROPRIATE TRAFFIC CONTROL SHALL BE INSTALLED AT THE INCEPTION OF EACH STAGE OF CONSTRUCTION AND SHALL BE PROPERLY MAINTAINED AND/OR OPERATED DURING THE TIME SUCH SPECIAL CONDITIONS EXIST. THEY SHALL REMAIN IN PLACE UNTIL AS LONG AS THEY ARE NEEDED AND SHALL BE IMMEDIATELY REMOVED THEREAFTER.
21. IF CONSTRUCTION ACTIVITIES REQUIRE OVER-NIGHT CLOSURES OF ANY PORTION OF THE ROADWAY, A REVISED TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO AND APPROVED BY THE CITY ENGINEER'S OFFICE.
22. ALL TRAFFIC CONTROL SIGNS SHALL MEET THE MINIMUM RETROREFLECTIVITY LEVELS SPECIFIED IN THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

W20-1



R2-1



(A)

W20-5R

B

W4-2R

©

**END
ROAD WORK**

G20-2

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FULLY SPRINKLERED

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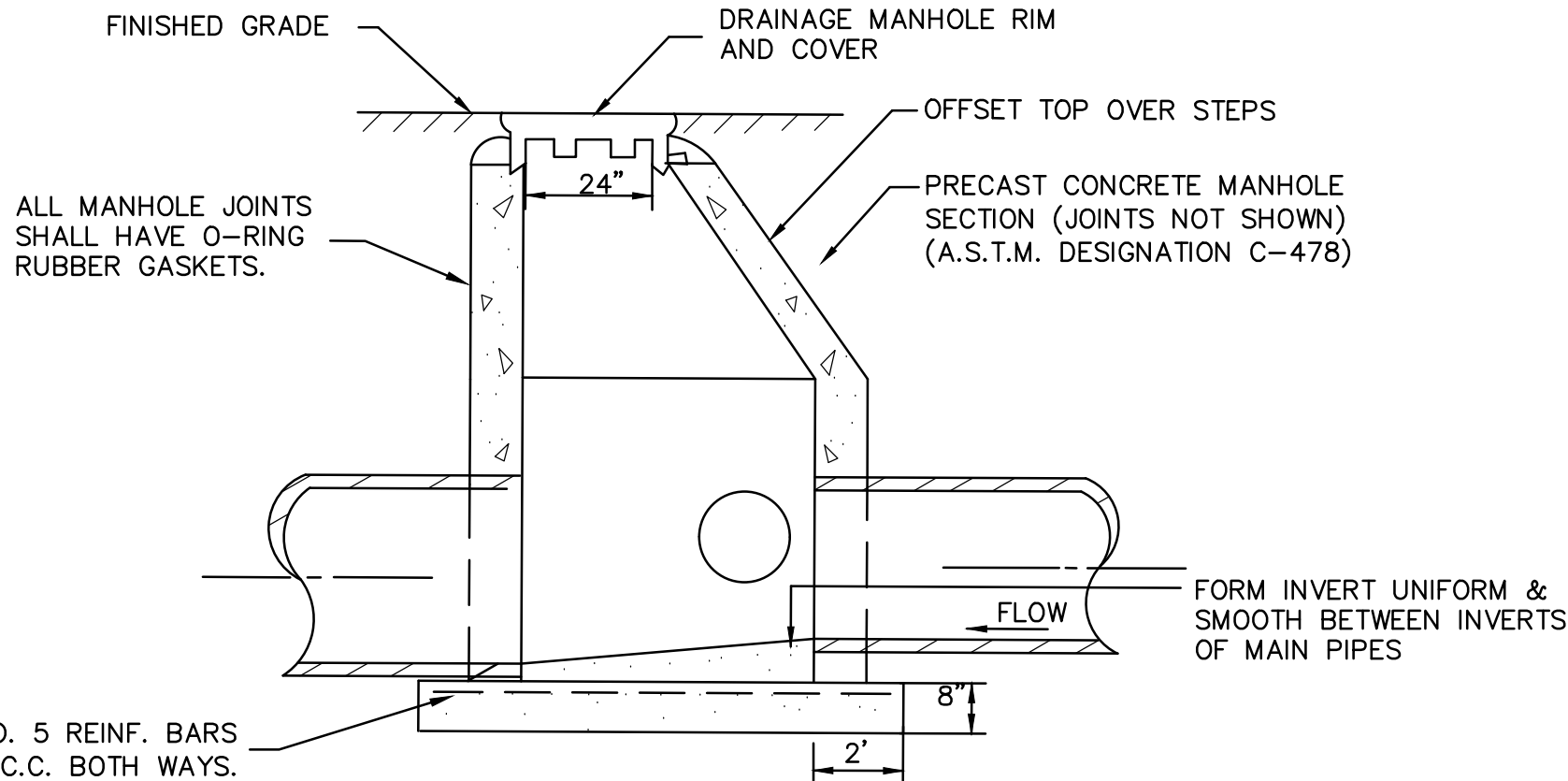
USE PRECAST REDUCING SLAB AND 48" DIA. RISER SECTIONS ON 5' AND LARGER MANHOLES.

| LARGEST PIPE | MANHOLE DIA. |
|--------------|--------------|
| 12" THRU 24" | 5'-0" Ø MIN. |
| 27" THRU 36" | 5'-0" |
| 42" THRU 54" | 6'-0" |
| 60" | 7'-0" |

FLARE ENTRANCE TO
OUTLET PIPE

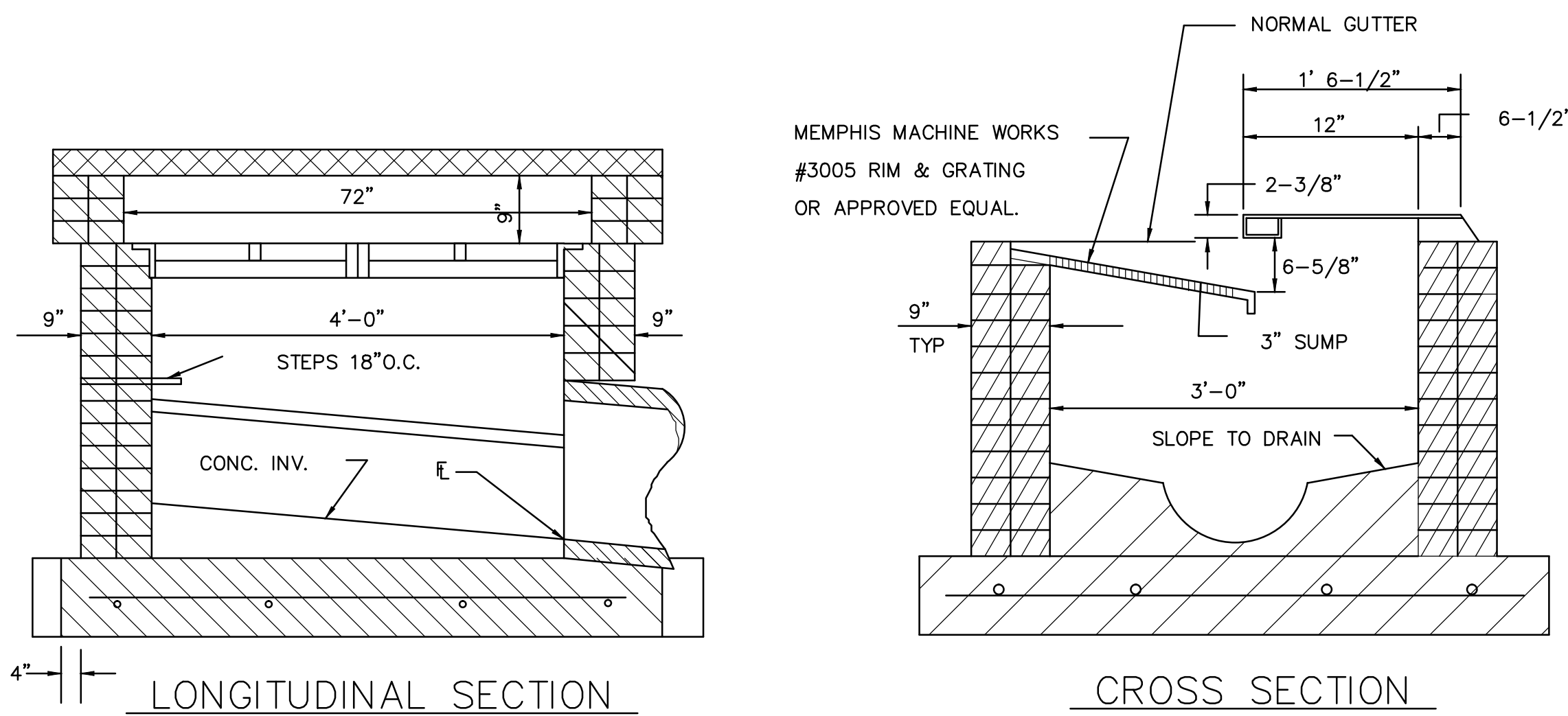
MANHOLE STEPS
SPACED AT 16" VERTICALLY.
NO STEPS REQ'D IF MANHOLE
IS LESS THAN 4 FEET DEEP

ELEVATION



SECTION

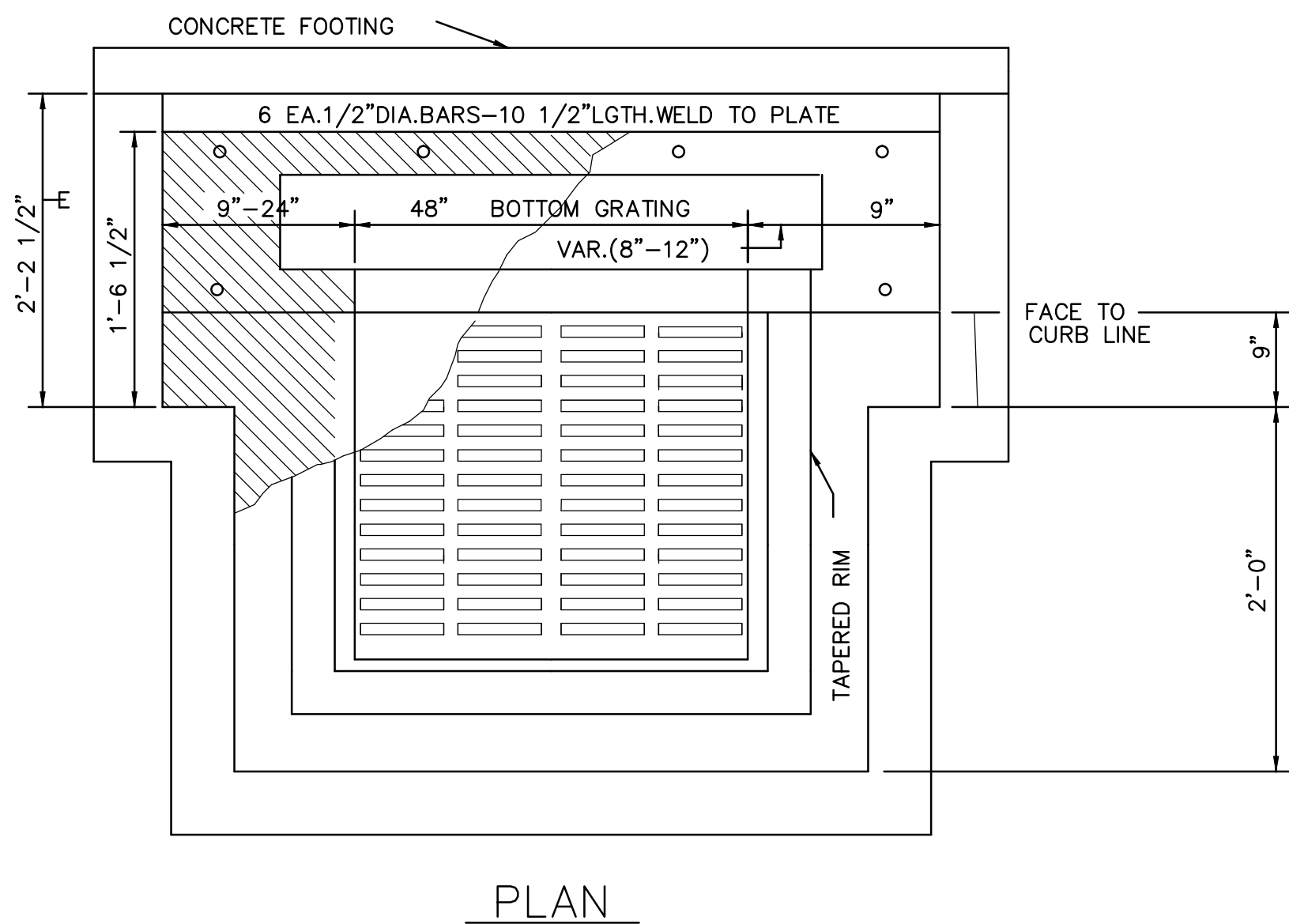
1
C5.1
DRAINAGE MANHOLE
N.T.S.



LONGITUDINAL SECTION

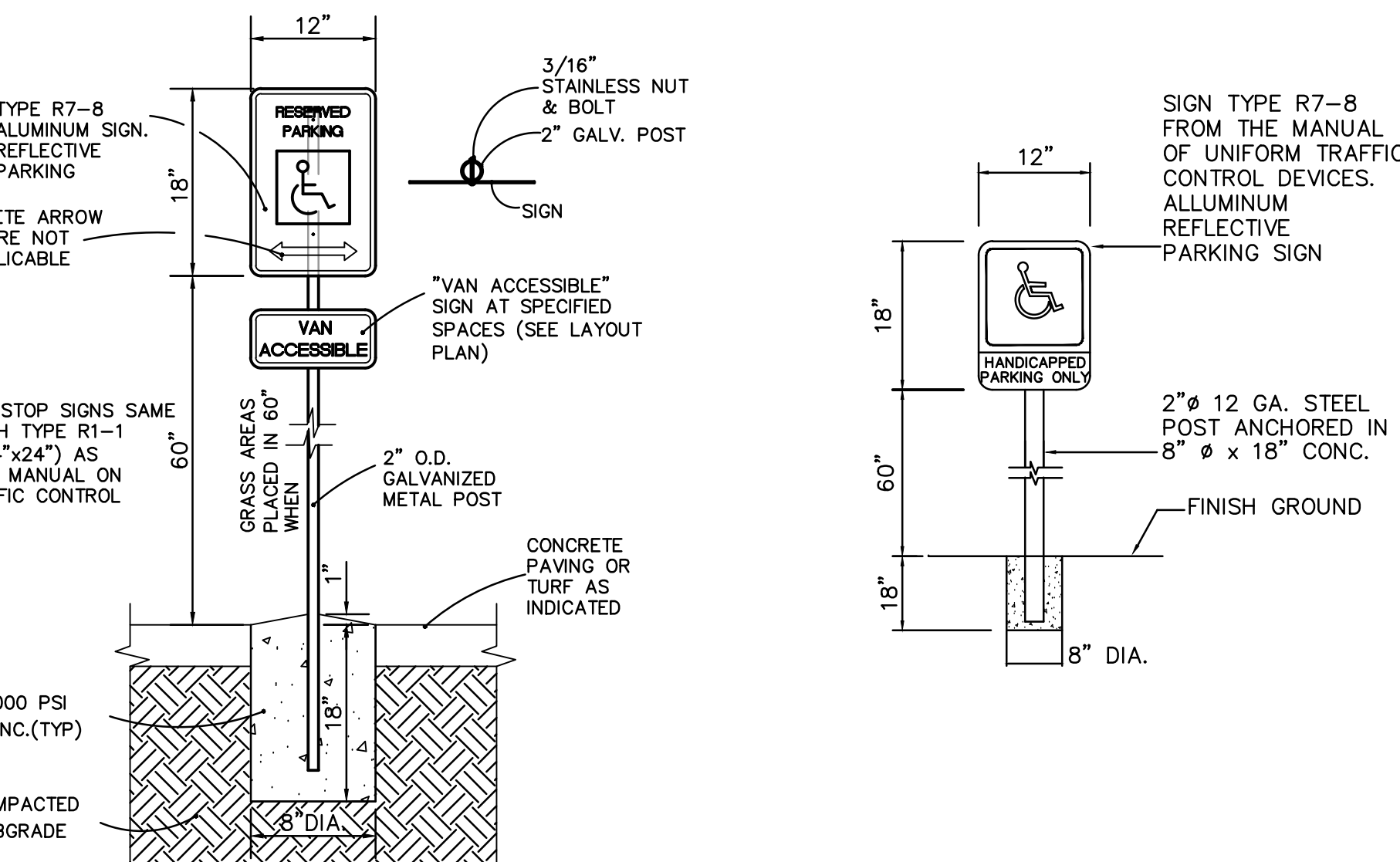
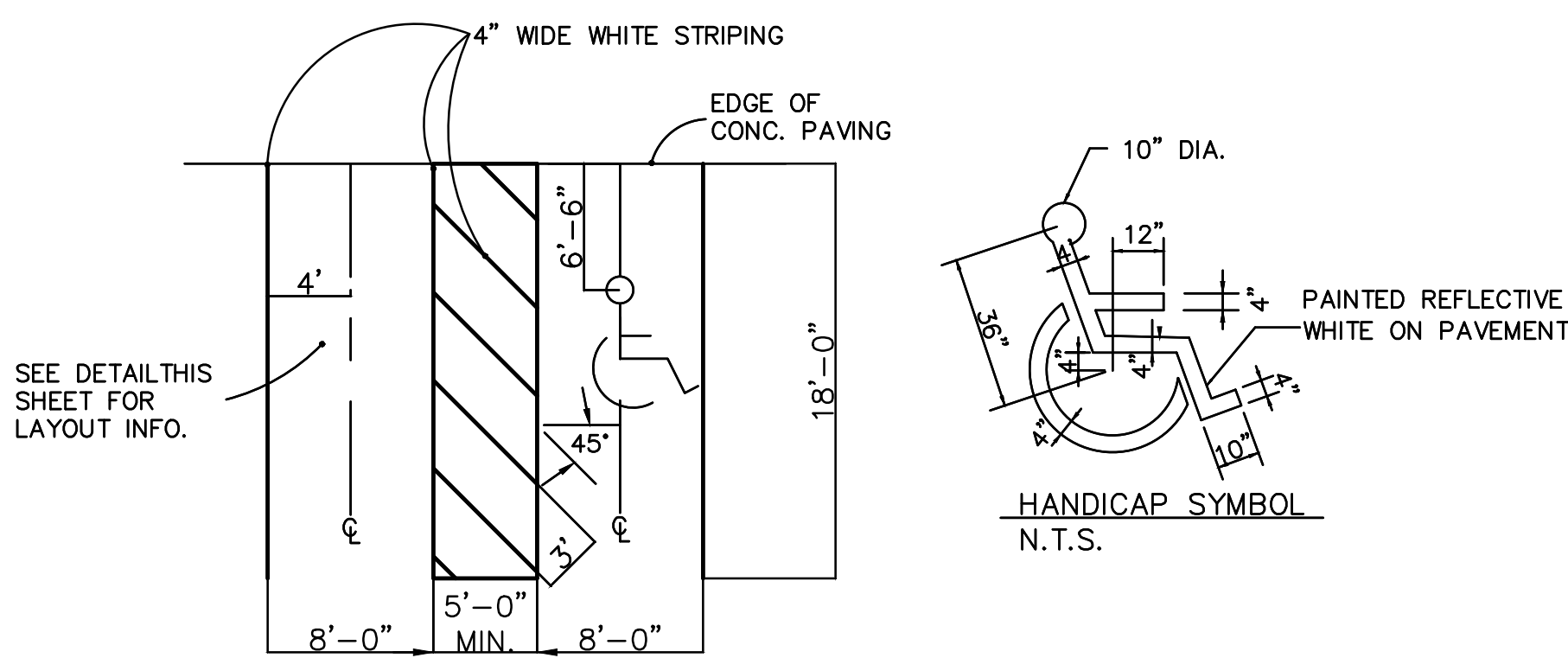
CROSS SECTION

NOTE: CONC. SHALL BE 3500 P.S.I.

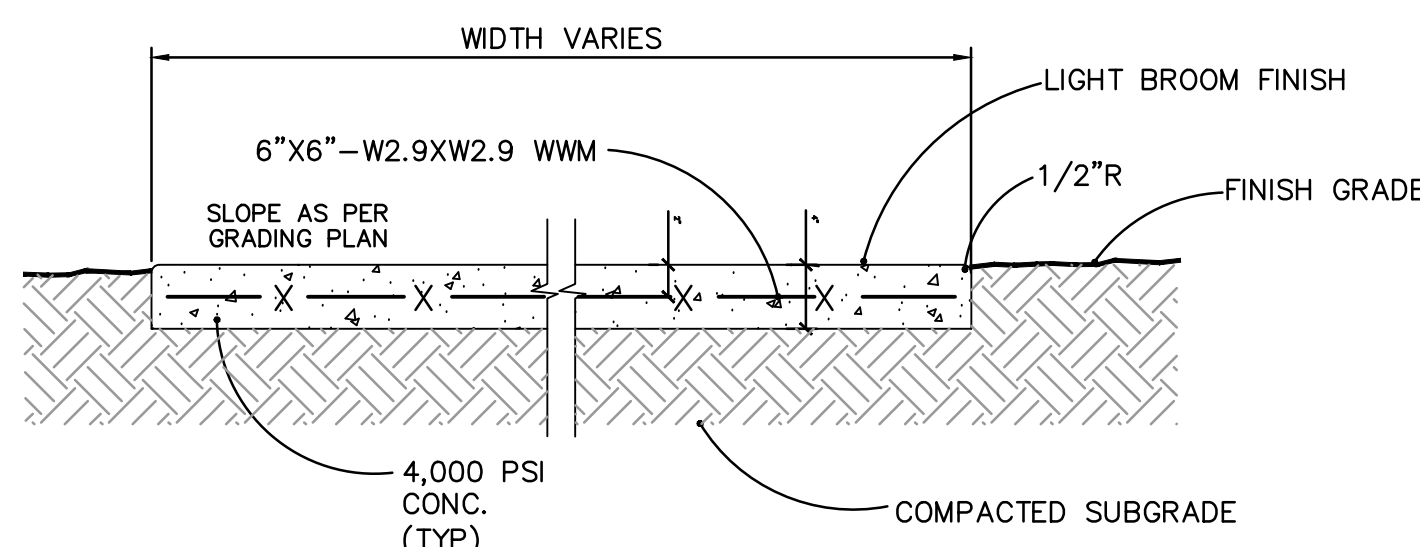


PLAN

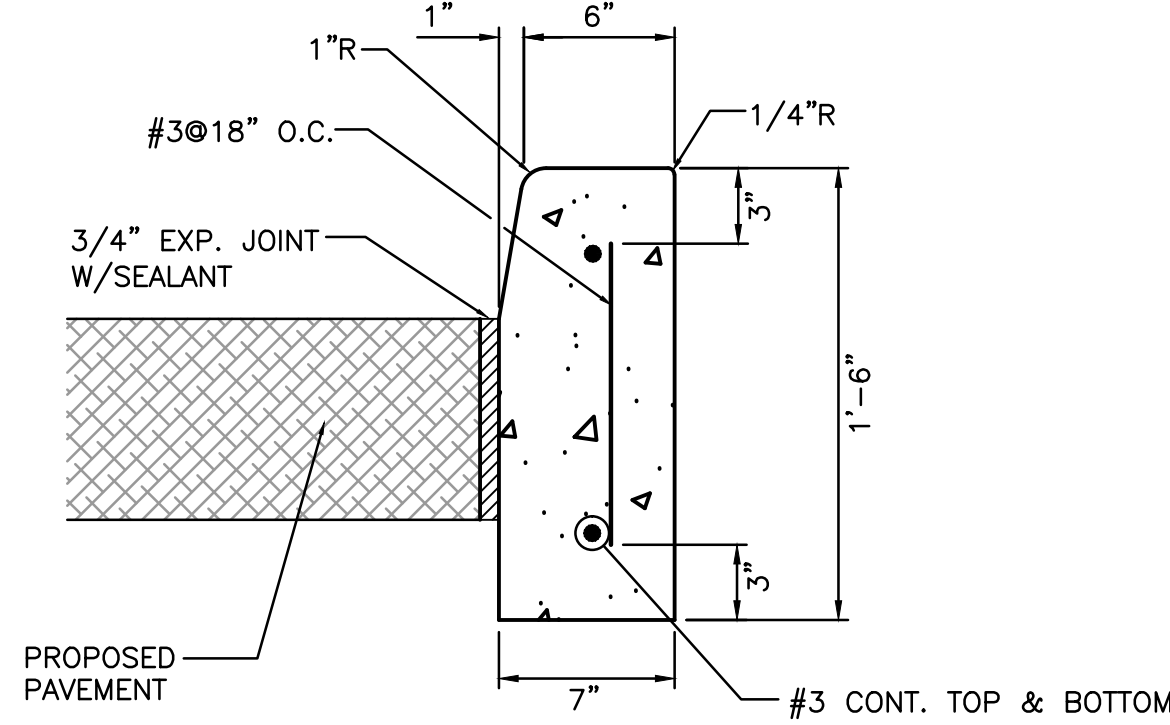
5
C5.1
6-72 INLET DETAIL
N.T.S.



2
C5.1
HANDICAP PARKING SIGNAGE
N.T.S.

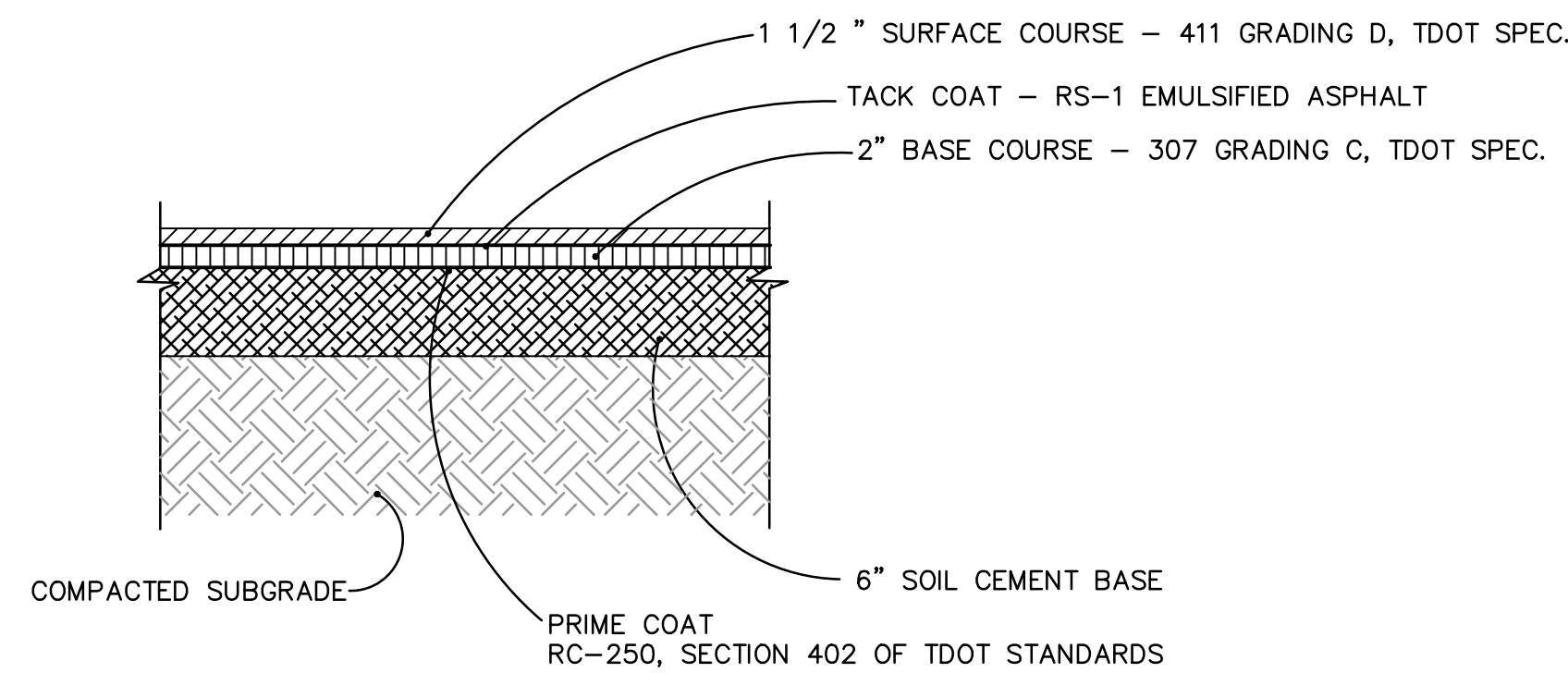


NOTE:
*SEE DETAIL 5 THIS SHEET FOR EXPANSION & CONTROL JOINT DETAILS.

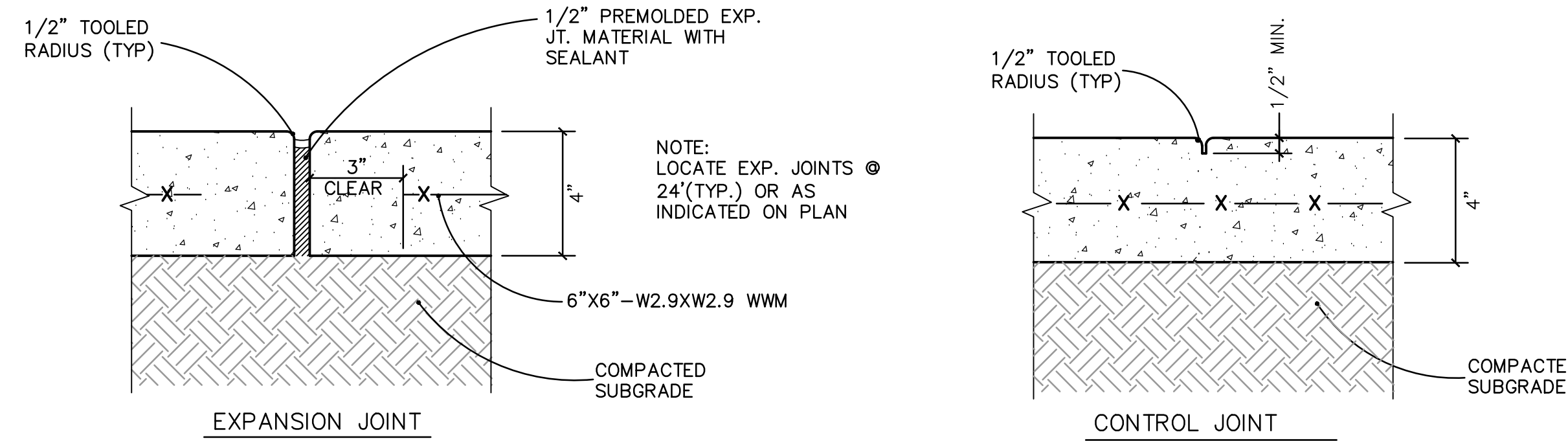


NOTE: OTHER TYPES OF CURBS MAY BE APPROVED BY ARCHITECT TO MATCH EXISTING CURBS.

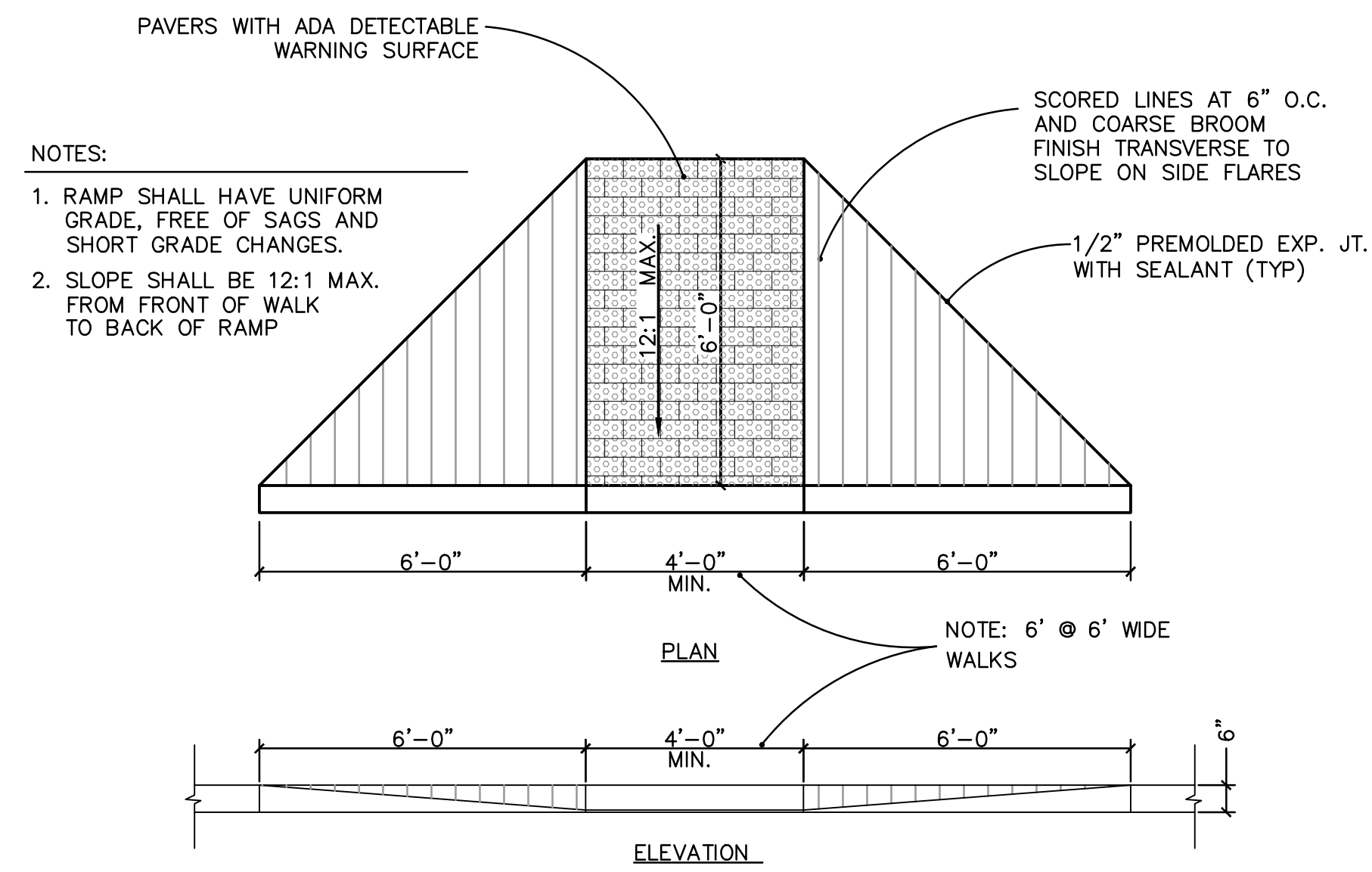
3
C5.1
VERTICAL CURB
N.T.S.



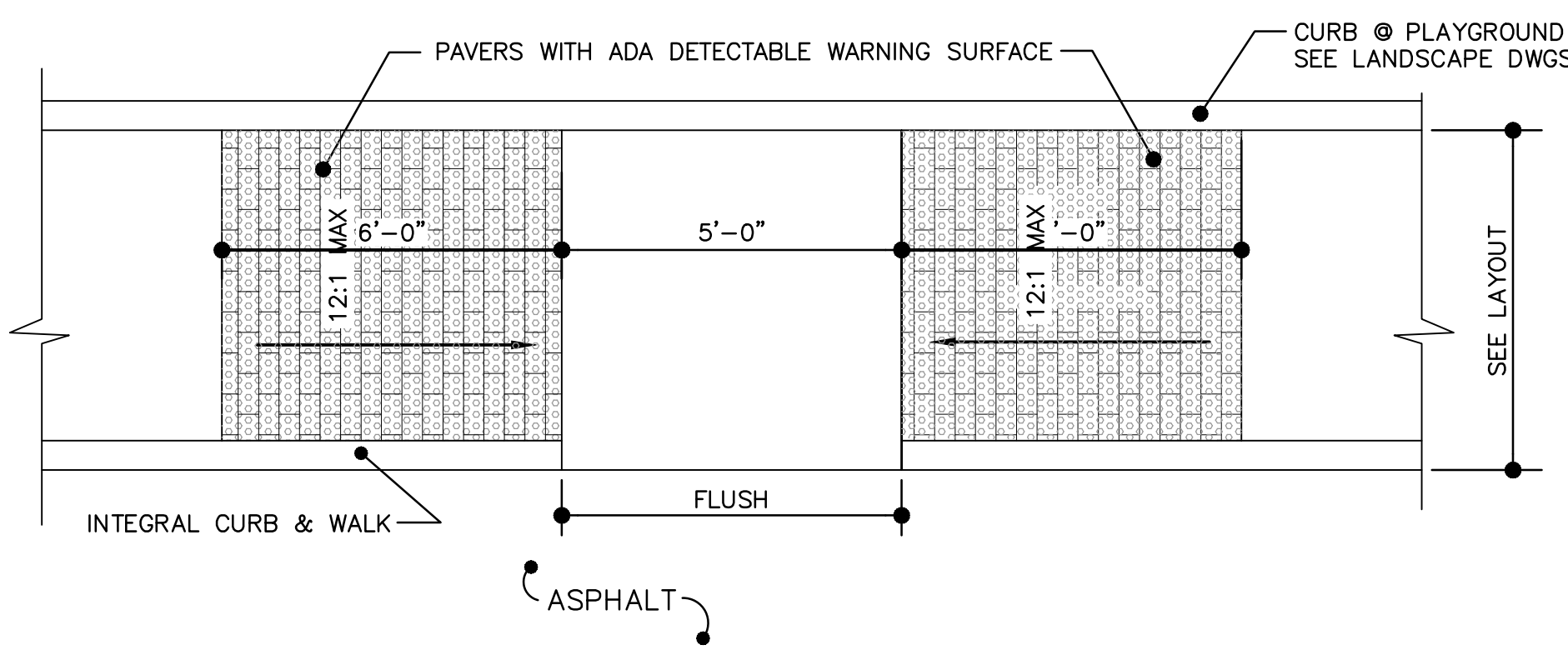
4
C5.1
TYPICAL ASPHALT DETAIL
N.T.S.



6
C5.1
TYPICAL SIDEWALK DETAIL
N.T.S.



7
C5.1
TYPICAL HANDICAPPED-ACCESSIBLE RAMPS
N.T.S.



FULLY SPRINKLERED

| | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| CONSULTANTS: Allen&Hoshall engineering since 1915 1661 International Drive Memphis, TN 38120 901 820 0820 fax 901 683 1001 www.allenhoshall.com | | SEAL: | ARCHITECT/ENGINEERS: brg3s architects 11 W. Huling Avenue Memphis, Tennessee 38103 t 901.260.9600 f 301.531.8042 w brg3s.com | DRAWING TITLE: SITE DETAILS SCALE: AS SHOWN APPROVED PROJECT DIRECTOR: | PROJECT TITLE: VA BUILDING 1A ENTRANCE EXPANSION LOCATION: VAMC, Memphis, Tennessee DATE: January 27, 2014 CHECKED: DRAWN: | PROJECT NUMBER: 61660 BUILDING NUMBER: 1A DRAWING NUMBER: C5.1 DWG. OF |
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CONSULTANTS:

SEAL:



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Memphis, Tennessee 38103
t 901.260.9600
f 301.531.8042
w brg3s.com

DRAWING TITLE:
SITE DETAILS

SCALE: AS SHOWN

APPROVED PROJECT DIRECTOR:

| | |
|--|----------------|
| | PROJECT TITLE: |
|--|----------------|

VA BUILDING 1A
ENTRANCE EXPANSION

LOCATION:
VAMC, Memphis, Tennessee

DATE:
January 27, 2014

☐ CHECKED:

DRAWN:

PROJECT NUMBER:
61660

BUILDING NUMBER
1A

DRAWING NUMBER
05

C5.2
DWG OF

FULLY SPRINKLERED